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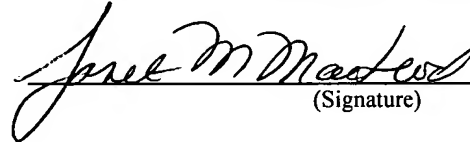
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                       |   |                 |
|-----------------------|---|-----------------|
| First Named Inventor: | Michel Chateau  |                 |
| Appln. No.:           | 10/781,499  |                 |
| Filed:                | February 18, 2004   | Examiner:       |
| Title:                | METHOD FOR THE PREPARATION OF AN EVOLVED MICROORGANISM FOR THE CREATION OR THE MODIFICATION OF METABOLIC PATHWAYS | Group Art Unit: |

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

I hereby certify that this document is being deposited with the United States Postal Service via first class mail addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on this 10th day of May, 2004.

  
(Signature)

Sir:

Please make the references listed below and on the accompanying PTO Form-1449 of record in the above-identified application:

U.S. Patent No. 6,368,793 to Hoch et al., April 9, 2002

U.S. Patent No. 5,344,767 to Boullais et al., September 6, 1994

U.S. Patent No. 4,071,405 to Soda et al., January 31, 1978

U.S. Patent Application Publication No. US 2002/0177196 to Maier et al., November 28, 2002

International Patent Application Publication No. WO 02/51231, July 4, 2002

International Patent Application Publication No. WO 02/46451, June 13, 2002

International Patent Application Publication No. WO 02/18613, March 7, 2002

International Patent Application Publication No. WO 93/17112, September 2, 1993

European Patent Application EP 0699748, March 6, 1996

United Kingdom Patent Application GB2174390, November 5, 1986

Japanese Patent Number JP2222692, September 5, 1990

Japanese Patent Publication Number JP 2000 157267, June 13, 2000

Database WPI Abstract No. 2000-485 354, XP-002265367, Week 200043, Derwent Publications Ltd.

Database EMBL, Accession No. AF220150, XP-002185277, January 17, 2001

Database EMBL, Accession No. KO1546, XP-002274156, June 13, 1985

Database EMBL, Accession No. 097CC7, XP-002274157, October 1, 2001

Arnold et al. (1997) "Optimizing Industrial Enzymes by Directed Evolution" in Advances in Biochemical Engineering 58:1-14, Springer, Berlin

Flavin et al. (1967) Biochim. Biophys. Acta 132:400-405

May et al. (2000) Nature Biotechnology 18:317-320

Smith et al. (1969) Biochim. Biophys. Acta 184:130-138

Weissbach et al. (1991) Molecular Microbiology 5:1593-1597

With the exception of U.S. Patents and U.S. Patent Application Publications, copies of the cited references are enclosed. JP222692 and JP2000157267 are not in the English language, and are accompanied by English language abstracts. Certain of the foregoing references were cited in search reports for the French priority applications. Copies of the search reports are enclosed.

Respectfully submitted,

DORSEY & WHITNEY LLP

Date: May 10, 2004

By:   
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Enclosures

4818-3196-6208\1

|   |                                  |                               |
|---|----------------------------------|-------------------------------|
| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE<br>(Rev. 2-32) PATENT AND TRADEMARK OFFICE<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(use several sheets if necessary) | ATTY DOCKET NO.<br>34076/US      | APPLICATION NO.<br>10/781,499 |
|   | APPLICANT<br>Michel Chateau      |                               |
|   | FILING DATE<br>February 18, 2004 | GROUP ART UNIT                |

## U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date       | Inventor Name   | Class | Sub-class | Filing Date (if appropriate) |
|------------------|-----------------|------------|-----------------|-------|-----------|------------------------------|
|                  | 6,368,793       | 4/9/2002   | Hoch et al.     |       |           |                              |
|                  | 5,344,767       | 9/6/94     | Boullais et al. |       |           |                              |
|                  | 4,071,405       | 1/31/78    | Soda et al.     |       |           |                              |
|                  | US 2002/0177196 | 11/28/2002 | Maier           |       |           |                              |
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## FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date      | Country        | Class | Sub-class | Translation |
|------------------|-----------------|-----------|----------------|-------|-----------|-------------|
|                  | WO 02/51231     | 7/4/02    | International  |       |           |             |
|                  | WO 02/46451     | 6/13/02   | International  |       |           |             |
|                  | WO 02/18613     | 3/7/02    | International  |       |           |             |
|                  | WO 93/17112     | 9/02/93   | International  |       |           |             |
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|                  | JP2222692       | 9/5/90    | Japan          |       |           |             |
|                  | JP 2000 157267  | 6/13/2000 | Japan          |       |           |             |
|                  |                 |           |                |       |           |             |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| Examiner Initial | Document Description  |
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|                  | Database WPI Abstract No. 2000-485 354, XP-002265367, Week 200043, Derwent Publications Ltd.  |
|                  | Database EMBL, Accession No. AF220150, XP-002185277, January 17, 2001   |
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|                  | Arnold et al. (1997) "Optimizing Industrial Enzymes by Directed Evolution" in Advances in Biochemical Engineering 58:1-14, Springer, Berlin |
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|                  | Smith et al. (1969) Biochim. Biophys. Acta 184:130-138  |
|                  | Weissbach et al. (1991) Molecular Microbiology 5:1593-1597  |

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| EXAMINER | DATE CONSIDERED |
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.